



SPEE

SOCIETY OF PETROLEUM EVALUATION ENGINEERS

Newsletter

November 2021

President's Letter

SPEE Members: 2021 has flown by and my term as President is coming to an end in the next few months. I would like to thank everyone for your help in achieving the goals of the organization, especially those that volunteer on a committee or a chapter position.

Our 2022 Board of Directors election is underway, and the results will be published shortly after the polls close on November 10. The elected Board members will begin their three-year term in January 2022. I'd like to thank **Martin Hubbig, Antony Corrie-Keilig, Larry Petropoulos, Zack Warren, Jack Harper, and Tad Fielder** for their willingness to run for the Board and look forward to working with those elected next year. I encourage you to participate in this very important privilege and cast your vote. We will announce the newest members of the Executive Committee at the January Board meeting under the leadership of 2022 SPEE President **Joe Young**.

I'd also very much like to thank our outgoing Board members for their service to our organization. **Chuck Boyer, Doug Wright, and Steve Gardner** (Houston) have provided guidance as the Board Oversight to the committees under their direction. Chuck Boyer also served as the Technical Training coordinator during his tenure on the Board and has been very instrumental in setting up virtual training classes, the 2021 Virtual Business Meeting Zoom Webinar, and has outlined a training plan to pass on to his successor.

As 2021 ends, our current Past President **Robert Green** will leave the Executive Committee. Robert's valuable guidance during his tenure on the Executive Committee is greatly appreciated. The 2019 Annual Meeting, which Robert planned at the Fairmont Chateau Lake Louise in Banff, Alberta, was an outstanding and very memorable event!

The team working on the 2022 Annual Meeting in Napa, California, visited The Meritage Resort and Spa and Vista Collina Resort in mid-October to meet with the hotel contact to start organizing all the details for an exciting meeting next year. They are in the early planning stages, so save the dates (June 12 to 14). You will hear more early next year as things come together.

It has been an honor and a privilege to serve as your SPEE President for 2021. Thank you again to the Executive Committee and Board of Directors for their service and dedication during some unprecedented times and to Debbie Suter for being the glue that holds the Society together. I look forward to seeing everyone in Napa next year and wish you all Happy Holidays!

Charles Boyette
2021 SPEE President



SPEE Annual Meetings

June 12-14, 2022 - Meritage Resort
Napa, California

June 18-21, 2023 - Gurney's Resort and Marina
Newport, Rhode Island

2021 Officers and Directors

Executive Committee

President Charles Boyette (Dallas)
Vice President Joe Young (Dallas)
Secretary-Treasurer Attila Szabo (Calgary)
Past-President Robert Green (Midland)

Directors

Chuck Boyer (Pittsburgh)	Shane Hattingh (Europe)
Gregg Birrell (Europe)	Fred LeGrand (Denver)
Brenda Brown (Dallas)	Dean Sergent (Oklahoma)
Steve Gardner (Houston)	Doug Wright (Calgary)
Steve Gardner (Denver)	

Bylaws Committees

Chair of Past Presidents' Council Rick Krenek
Qualifications Mark Reeves
Committee: Steve Blair, Danilo Bandiziol, Claudio Virues and Tad Fielder
Nominating Robert Green
Grievance David Gold
Committee: Dan Olds
Reserves Definitions Rawdon Seager
Committee: Shane Hattingh, Tim Smith, Jorge Faz, Rod Sidle and John Lee

Individual Appointments

Ethics Deb Ryan
Evaluation Parameters Survey Steve Hendrickson
Fair Market Value Dee Patterson
Internet Steve Gardner
Membership Fred LeGrand
Newsletter Coordinator Floyd Siegle
University Interface Marshall Watson
Historian Melissa Nance
Communications Karthik Revana
Recommended Evaluation Practices Daniel R. Olds
Annual Meeting Advance Planning Tim Smith
Professional Registration Anna Hardesty
Monograph 5-Type Well Profiles Jennifer Fitzgerald
Technical Training Chuck Boyer
SPE OGRC Oil and Gas Reserves Committee Observer Rawdon Seager
COGEH (Canadian Oil and Gas Evaluation Handbook) Mike Verney
UNECE Expert Group on Resource Classification .. Ron Harrell/Rawdon Seager

Chapter Officers - 2021

Asia Pacific

Chairman – Peter Stephenson
Vice Chairman – Nick Pink
Secretary – Hongfeng Wu

Calgary

Chairman – Larry Petropoulos
Vice Chairman – Tim Freeborn
Secretary – Colin Edie
Treasurer – Gary Metcalfe
Membership – Claudio Virues

California

Chairman - Brad DeWitt
Vice Chairman – Rick Finken
Secretary-Treasurer - Tom Walker
Membership - John Davis

Central Texas

Chairman –
Vice Chairman –
Secretary – Charles Price
Treasurer –
Membership –

Dallas

Chairman - John G. Davis
Vice Chairman – Colter Kazmann
Secretary-Treasurer - Michael Zuber
Membership – Stefan Krystosik

Denver

Chairman – Zack Warren
Vice Chairman - Emily Miller
Secretary-Treasurer – John Seidle
Membership - Nicole Ford

Europe

Chairman – Joel Turnbull
Secretary – Gregg Birrell
Treasurer – Jes Christensen
Membership-Program – Tom Gunningham

Houston

Chairman – Ali Porbandarwala
Vice Chairman – Jay Quinn
Secretary-Treasurer – David Fulford
Program Chairman – Jay Quinn
Membership – Deji Adeyeye

Latin America

Chairman – Juan Rosbaco
Vice Chairman – Fabio Londono
Secretary/Treasurer – Diana Mancilla
Membership – German Moss

Midland

Chairman – Gail Hankinson
Vice Chairman –
Secretary-Treasurer –
Membership – Robert Green

Northern Rockies

Chairman – Rick Vine
Vice Chairman – Bonnie Percy
Secretary-Treasurer – Tom Hohn
Membership – Andrew Finley
Program Chairman – Bonnie Percy

Oklahoma

Chairman – James Sauseda
Vice Chairman - Aaron Anderson
Secretary-Treasurer - Steve Blair
Membership - Don Jacks
Program Chairman – Aaron Anderson



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The SPEE Newsletter is a quarterly publication of the Society of Petroleum Evaluation Engineers. News items, correspondence, address changes and advertising inquiries should be directed to SPEE headquarters in Houston, Texas.

Chapter News

Asia Pacific

Membership - 16

Calgary

A virtual online Business Meeting was held on October 19, 2021 with 22 members in attendance. The Chairman opened the meeting by inviting comments from all in memory of Walter Wright. Minutes of the May 25th meeting were approved and the Treasurer's report was presented. The Distinguished Member Bursary is now \$101,755 (includes July 2021 \$20,000 Chapter donation increase) and would provide \$3,500 to \$4,000 annually to a qualifying student. Only one application was received for the Annual Donation so the decision to select a candidate has been deferred to search for another candidate. The Membership and International BOD reports were presented. Members were reminded to vote for International BOD candidates. The status of updates to COGEH was discussed.

Discussions with SPEE Calgary and the Alberta Securities Commission continue to address including by-products and non-hydrocarbons (specifically Hydrogen and Helium) as Product Types within NI51-101 and COGEH. Other COGEH issues include inactive well operating costs; changes to abandonment costs which are tied to the definition of "property," and clarity on carbon taxes. The COGEH Update Committee is hoping to sort these out for next year's annual updates.

We are scheduling our next Technical meeting on November 16 as an in-person session (Woohoo!) with a presentation by Bryce Kalynchuk, Rose & Associates, on *How not to Squander Billions*. As restrictions continue to relax, we hope to continue with all meetings reverting to in-person but may include a hybrid session as we all adjust.

Meetings - 3rd Tuesday of each month except June, July and August. Membership - 54

California

The California Chapter Chair participated in the August 24th "Chapter Roundtable Discussion" and expressed problems facing the California Chapter with low membership and lack of meetings. ExCom and other Chapter Chairs invited California Chapter members to remotely join in their monthly meetings as made available. The California Chair provided California

members with the contact information for all SPEE Chapter Chairs citing specific invitations from Dallas, Denver, and Houston to join their meetings remotely. The email also reminded members that information on all Chapter meetings can be found on the SPEE website. We hope that this will help the California Chapter members feel more engaged with SPEE as a whole. I appreciate all the help and invitations from the other Chapters and the ExCom.

An area of concern in California is continued excessive regulation and legislation and lack of existing regulatory administration by California Geologic Energy Management Division (CalGEM). California Governor Newsome is an open opponent of fossil fuel extraction and use in the state. This permeates throughout all state regulatory agencies such as air boards, water boards, forestry, fish and game, coastal commission, etc.

Membership - 8

Central Texas

Membership - 23

Dallas

The Dallas Chapter held four meetings virtually in 2021 which have been well attended. On September 9th, Jennifer Fitzgerald, P.E., Occidental Petroleum Corporation, presented *Rethinking an Industry Recommended Practice: Lessons being Learned from Monograph 5 (Type Well Profiles)*. Total registration was 173 including 122 non-members. The Dallas Chapter's next meeting will be held on November 9 and we are currently working with SPE to do a joint virtual presentation on Ethics to be held in early December.

To address concerns regarding COVID-19, we have been providing our virtual meetings free of charge to all attendees since early 2020. As a result, we have noticed an increase in the number of attendees due to the ease of access to our virtual offerings, and plan to continue offering virtual attendance once we begin in-person meetings.

In an effort to offer members exclusive benefits, the Dallas SPEE Chapter has a tentative evening happy hour/networking event scheduled for May 2022.

Meetings - Semi-monthly except June, July and August. Membership - 74

Denver

The Denver Chapter held its second post-pandemic in-person meeting on October 13th. Jess Barhaug from Great Western Petroleum presented to a crowd of 47 on *Integrated Learnings from DJ Basin Science Pads: Using Reservoir Characterization to Optimize Spacing and Completions*. We've also restarted in-person social events, hosting a Summer Soiree on September 23rd with a Membership Workshop planned for November 12th. Our final meeting of 2021 will be an ethics workshop on December 8th.

Meetings – 2nd Wednesday of first month of each quarter – Denver Athletic Club – The New Petroleum Club.

Membership – 84

Europe

The Europe Chapter held a meeting on May 20th with Greg. Birrell, CENG. MEI presenting *A Study of Proved Reserve Categorization in SEC Filings* in which he discussed statistical techniques for evaluating whether a reserve evaluator has made an appropriate estimate of the volume uncertainty. The technique uses a statistical study of technical revisions over time to determine whether an initial booking had the correct probability of being exceeded by future production. Results were presented for 20 proved reserve filings to the SEC to determine if the original filing conformed to the spirit of the definition of reasonable certainty.

On the June 24th Chapter meeting Tom Gunningham, Director of Reservoir Engineering, Rockflow Resources Ltd presented *Resource Aggregation: When Two Fields are Better than One*. Tom looked at the complexities of reserve determination for fields which are related in some way, such as fields which share infrastructure or costs.

All our meetings in 2021 are available to share with other chapters and are on the SPEE website.

The Europe Chapter has recently purchased audio-visual equipment to allow more of a blend of remote and physical attendees, prior to our first physical meeting on November 24th. We hope this will allow attendees who are unable to travel to London to actively participate in Chapter meetings. Through increased attendance at our chapter meetings we hope to generate additional revenue for the Chapter.

Meetings - Four per year. Membership - 39

Houston

Since the summer break, the Houston chapter convened webinars via Zoom to host two distinguished speakers. In September, Steven Beck, Project Engineer at Ryder Scott Company in the Integrated Services division, presented *A Breakdown of the Carbon Capture*

Value Chain. In October, Dr. John Lee presented *What Would Arps Think About What We Have Done to His Decline Model?* The November speaker will be Justin Hayes from Bedrock Energy Partners to discuss *Spacing Ourselves to Death*. All events since the summer have been sponsored by TRC Consultants L.C. All webinars from Houston have been open to international chapter members. Non-members of any kind are required to pay a \$15/event fee.

Current member count stands at 163 and therefore we are looking into boosting membership by reaching out via hosting happy hours and having a booth or speaking at other larger conferences (i.e. URTec) to promote the organization.

The Houston Chapter committed \$4,000 of scholarship money to four Texas schools.

We plan to resume short courses in the summer of 2022, starting with Monograph 4.

We have found an incumbent volunteer to join the Branch executive as Treasurer beginning January 1, 2022.

Meetings – 1st Wednesday of each month except June, July and August – Houston Petroleum Club. Membership – 163

Latin America

Individuals from Latin America have been invited to join Dallas Chapter meetings virtually.

Membership – 13

Midland

Meetings – 2nd Wednesday odd months at 11:30 a.m. – Midland Petroleum Club. Membership - 21

Northern Rockies

Membership – 8

Oklahoma

The Oklahoma Chapter resumed meetings after the summer break. All meetings were virtual and free to all. In September, Kimberly Wurtz from the IOGCC's Legal and Regulatory Affairs Committee presented the results of the Produced Water Ownership Survey. In October, George Norton of Red Bluff Resources spoke on his project of *Optimizing Field Development and Predicting EUR Utilizing Geochemistry*. Don Jacks of Oklahoma SPEE will give our annual ethics talk in November. In December, Dr. Matthew Pranter from the University of Oklahoma will talk on *Multiscale and Seismic-constrained Reservoir Characterization and Modeling of Mississippian Strata, STACK Play*. Meetings will continue to be held virtually via Zoom webinar for the foreseeable future. All chapters are invited to attend.

Meetings – Monthly except June, July and August. Membership - 33

In Memorium

We regret to note
the passing of:

Walter Gordon Wright

High River, Alberta - July 15, 1931

Calgary, Alberta - September 15, 2021

Walter was predeceased by his first-born son, Gordon, and his brother Donald (wife Marion). He is survived by his loving wife of 64 years, Sheila, his sons Douglas McRae (wife Kelly, children Alexander, Stephanie and Kaitlin) and David Bruce (wife Margarita, children Sofia and Emma).

Raised in Calgary, Alberta, by Walter and Mae Wright, Walter grew up in the Mission area of Calgary where he attended Western Canada High School. After high school, he entered Mount Royal College's Petroleum Engineering transfer program that led him to the Oklahoma University where he completed his degree with a B.Sc. In Petroleum Engineering.

Upon completion of his degree, Walter began work with Chevron Canada. Over his 20-some years with Chevron, Walter worked many places in western Canada including Virden, Manitoba; and Edmonton, Red Deer and Calgary, Alberta. It was while working in Edmonton that Walter met his wife Sheila.

After Chevron, Walter joined the Bank of Montreal as the Vice President of the Oil and Gas Department. He travelled the world in that capacity, including the United States, United Kingdom, Japan and Australia to name a few and Sheila would occasionally join him on these junkets. While at the bank, Walter was a founding member of the Calgary Chapter of the Society of Petroleum Evaluation Engineers.

When Walter left the bank in the early 1980s, he and his partners formed R3 Resources where they invested in and managed various oil and gas interests in Western Canada. He continued to go to the office every day up until the last two years of his life.

Throughout their 64+ year marriage, Walter and Sheila enjoyed travelling the world together. He enjoyed golfing at the Calgary Golf and Country Club as well as participating in many oilmen's golf tournaments and many golfing vacations. When the boys were younger, he enjoyed helping out with minor hockey. Walter adored his grandchildren and spending time with them. He also enjoyed woodworking and reading in his spare time.

He finally succumbed to malignant skin cancer that resisted all treatments. In lieu of flowers, the family asks that a donation to the Canadian Cancer Society be made in his name. There will be a wake at a future date.

Veterans Day, Remembrance Day, Armistice Day

In many countries throughout the world November 11 is set aside annually to honor and pay tribute to military veterans. It is observed in the U.S. as Veterans Day and as Remembrance Day in Canada and Australia. In Britain the second Sunday of November is observed as Remembrance Sunday. Other countries observe November 11 as Armistice Day to commemorate the signing of the armistice to end World War I. Please take the time to remember and to pay tribute to our military veterans.



“Never was so much owed by so many to so few.”

Winston Churchill

SPEE Website News

The official address of the SPEE website is www.spee.org. Our ongoing facelift of the current website is nearly complete. Keep an eye out for the **new website** in the coming weeks and help us ensure that content was migrated properly by providing feedback or to suggest other tweaks as we fine-tune things. Please direct all website-related suggestions, comments, and questions to our group email inbox, info@spee.org. In addition, SPEE has been developing a **webmercial** over the past few months to help attract membership and extend our reach of influence. An announcement will be coming soon, along with information about how you can help share the video with colleagues or on social media. Many thanks to Fred LeGrand for spearheading this effort!

In need of some **ethics training** to fulfill the annual requirements for your professional licensure for certification? SPEE has you covered! Go to the Resources link on the homepage and scroll down to Ethics Resources. There, you'll find various options, including materials for a one-hour training presentation available free to SPEE members. Contact debbie@spee.org for more details, and showcase the training at your next chapter meeting!

We will start accepting **dues payments** for 2022 on December 1st. An email will be sent to all members with instructions to pay dues on the new website. As a reminder, to qualify for Retired membership status and the associated reduced dues amount, a member needs to be 65 as of January 1, 2022, and to have fully concluded their professional career.



This is a reminder to cast your vote in the SPEE 2021 Board of Directors election that is in progress on the SPEE website at www.spee.org. In accordance with the SPEE's Bylaws the election will remain open until November 10, 2021.

All members and associate members in good standing are entitled to vote. There are three open positions and two candidates per position. The candidate in each position receiving the most votes will be elected. Each Director will serve for a three-year term beginning in January 2022.

All members are urged to please participate in this election. The six candidates who have put themselves forward for election are eminently qualified and already have an excellent track record of service to SPEE as local Chapter Officers or on SPEE Committees. They are now offering to commit a further three years' service to the Society. Please consider their qualifications, expertise, and outlook in the context of their wish to serve us, the membership, and to contribute to the further growth and direction of the SPEE. It will only take a few minutes of your time.

If you experience any difficulty in casting a ballot or logging in, please send Steve Gardner, Internet Committee Chairman, an email at info@spee.org. **As a reminder, please use a browser other than Internet Explorer to enable you to log in and vote.**

If you have any questions or concerns regarding the election, please do not hesitate to contact SPEE at info@spee.org.

Steve Gardner
Internet Committee Chair



SAVE THE DATE
JUNE 12 - 14, 2022

57TH SPEE
ANNUAL MEETING

LOOKING FORWARD TO
SEEING YOU IN JUNE 2022
IN THE HEART OF THE
WINE COUNTRY
NAPA, CALIFORNIA

Surrounded by sun-soaked vineyards and located in the Southern Napa Valley, the **Meritage Resort and Spa**, and adjacent **Vista Collina Resort** are located 10 minutes from Downtown Napa and a short drive away from the best legendary Napa wineries.

Plans are underway for a full technical program and short courses as well as group activities, spouse/guest activities, and time to explore.

Napa is an easy one-hour drive from Sacramento (SMF) airport. San Francisco and Oakland airports are alternatives, but the commute may be much longer due to traffic.

The hotel reservation link will be available in early February.

Global Climate Talks - COP26

The following information is from the UN Climate Action website.¹ While it is not SPEE news, it is included in this newsletter because it likely will have an impact on the oil and gas industry as governments take action to reduce the impact of climate change.

The 26th and latest round of global climate talks is taking place from October 31 to November 12, 2021, in Glasgow, Scotland. Thousands of government delegates and people from civil society, business and the media will gather to advance climate action. The world will be watching and demanding that national leaders rise to the moment, given the mounting climate crisis and far-reaching consequences for a livable future.

What is COP?

COP stands for the conference of the Parties to the 1992 United Nations Framework Convention on Climate Change, which set the stage for all international cooperation on climate. The COP is the top decision-making body for implementing the Convention and follow-up instruments like the 2015 Paris Agreement. Generally meeting once a year, the COP reviews national reports on emissions reductions and other climate measures.

What's at stake?

COP26 must be a turning point. It must deliver bold, large-scale and rapid actions by national leaders, for people and the planet. Countries must come together and collaborate to rebuild trust, re-energize action, and deliver in full on the promises made in the Paris Agreement.

Three top priorities are:

1. Keep global temperature rise to no more than 1.5 degrees Celsius through rapid, bold emissions cuts and net-zero commitments.
2. Increase international finance for adaptation to at least half the total spent on climate action.
3. Meet the existing commitment to provide \$100 billion in international climate finance each year so that developing countries can invest in green technologies, and protect lives and livelihoods against worsening climate impacts.

1. (<https://www.un.org/en/climatechange/cop26>).



Welcome New Members

Asia Pacific Chapter

Status Change – Associate to Full Member

Zhumekezhov, Aman Member No. 1028

Technical Domain Champion – Reservoir
TGT Oilfield Services
46 Aliya Moldagulova Ave., Office 313
Aktobe, 030012, Kazakhstan
Aman.zhumekezhov@gmail.com

Status Change – Associate to Full Member

Kamble, Prakash Member No. 1013

Senior Manager – Reservoir Engineering
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Adam, Peter Member No. 1054

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Friedel, Torsten Member No. 1056

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Hasan, Syed Member No. 1061

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Calgary Chapter

Botterill, Andrew Member No. 1055

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Mitchell, Lesley Member No. 1057

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Deloitte LLP
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Cheng, Sabrina (Rongxia) Member No. 1060

Subsurface Manager
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Europe Chapter

Obendrauf, Walter Member No. 1062

Cluster Lead Oceania and Middle East, Resources Assurance
and Reporting.
Shell International Exploration and Production.
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Houston Chapter

Taylor, Victor W. Member No. 1059

Principal Reserves Engineer
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Status Change – Associate to Full Member

Kalyanaraman, Nishanth Member No. 1017

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Latin America Chapter

Cavero Huapaya, Rafael Member No. 1058

Vice President, Senior Engineer
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